

CLAIMS

What is claimed is

1. An apparatus for monitoring and alerting a power disruption comprising:
 - a housing having a first panel and a second panel;
 - a male outlet on said first panel, said male outlet capable of receiving power from a power outlet when said male outlet is coupled to a power outlet;
 - at least one female outlet on said second panel conductively connected to said male outlet, said at least one female outlet incorporating an auxiliary contact point on a neutral side of said at least one female outlet;
 - a monitoring circuit in said housing for detecting a power disruption for an appliance coupled to said at least one female outlet, said power disruption including a power failure in said housing, a power failure from said power outlet and a power disconnection between said appliance and said at least one female outlet;
 - an alarm circuit coupled to said monitoring circuit, said alarm circuit providing an alarm upon detection of said power disruption;
 - a transmitter circuit in said housing for broadcasting a wireless signal in case of said power disruption; and
 - a battery in said housing providing power to said monitoring circuit, said alarm circuit and said transmitter circuit in case of said power failure in said housing.
2. The apparatus for monitoring and alerting a power disruption in claim 1, further comprising a remote monitor having:
 - a radio receiver circuit receiving said wireless signal from said transmitter circuit in said housing;
 - a power switch for selectively enabling said remote monitor;
 - an alarm circuit for alerting a remote user upon reception of said wireless signal, said alarm circuit including a visual alarm and an audible alarm; and
 - a battery providing power to radio receiver circuit and said alarm circuit.

3. The apparatus for monitoring and alerting a power disruption in claim 1, wherein said alarm circuit includes a visual alarm and an audible alarm.
4. The apparatus for monitoring and alerting a power disruption in claim 1, further comprising a power switch on said first panel.
5. The apparatus for monitoring and alerting a power disruption in claim 1, wherein said battery includes a rechargeable battery.
6. The apparatus for monitoring and alerting a power disruption in claim 5, further comprising a battery charging circuit in said housing.
7. The apparatus for monitoring and alerting a power disruption in claim 1, further comprising a power surge suppression circuit.

8. An apparatus for monitoring and alerting a power disruption comprising:
 - means for connecting a male outlet on a back panel of a housing and at least one female outlet on front panel of said housing, said male outlet capable of receiving power from a power outlet when said male outlet is coupled to a power outlet;
 - means for monitoring a power disruption for an appliance coupled to said at least one female outlet, said power disruption including a power failure in said housing, a power failure from said power outlet and a power disconnection between said appliance and said at least one female outlet;
 - means for alarming a user upon detection of said power disruption;
 - means for broadcasting a wireless signal to a remote monitor in case of said power disruption; and
 - means for providing power to a plurality of circuits in said housing in case of said power disruption.
9. The apparatus for monitoring and alerting a power disruption in claim 8, wherein said alarming means further includes means for visual alarming and audible alarming.
10. The apparatus for monitoring and alerting a power disruption in claim 8, further comprising means for selective enabling said apparatus.
11. The apparatus for monitoring and alerting a power disruption in claim 8, wherein said providing power means further includes means for recharging said providing power means.
12. The apparatus for monitoring and alerting a power disruption in claim 8, further comprising:
 - means for selectively enabling said remote monitor;
 - means for receiving said wireless signal from said broadcasting means to said remote monitor;

means for alerting a remote user by a visual alarm and an audible alarm upon reception of said wireless signal; and

means for providing power to a plurality of circuits in a remote monitor.

13. The apparatus for monitoring and alerting a power disruption in claim 8, further comprising means for suppressing a power surge circuit.

14. A system for monitoring and alerting a power disruption comprising:
- a receptacle monitor including:
 - a housing having a first panel and a second panel;
 - a male outlet on said first panel, said male outlet capable of receiving power from a power outlet when said male outlet is coupled to a power outlet;
 - at least one female outlet on said second panel incorporating an auxiliary contact point on a neutral side, said auxiliary contact point making electrical contact when a male outlet of a monitored appliance is inserted into said at least female outlet;
 - an electrical circuit including conductors connecting said male outlet and said female outlet;
 - a monitoring circuit for detecting a power disruption for an appliance coupled to said at least one female outlet, said power disruption including a power failure in said housing, a power failure from said power outlet and a power disconnection between said appliance and said at least one female outlet;
 - an alarm circuit coupled to said monitoring circuit, said alarm circuit providing an alarm upon detection of said power disruption;
 - a transmitter circuit for broadcasting a wireless signal in case of said power disruption; and
 - a battery for providing power to said monitoring circuit, said alarm circuit and said transmitter circuit in case of said power failure; and
 - a remote monitor for alerting a remote user including:
 - a radio receiver circuit receiving said wireless signal from said transmitter circuit in said receptacle monitor;
 - a power switch for selectively enabling said remote monitor;
 - an alarm circuit for alerting said remote user upon reception of said wireless signal; and
 - a battery providing power to radio receiver circuit, said alarm circuit.
15. The system for monitoring and alerting a power disruption in claim 14, wherein said alarm circuit includes a visual alarm and an audible alarm.

16. The system for monitoring and alerting a power disruption in claim 14, further comprising a power switch on said first panel.
17. The system for monitoring and alerting a power disruption in claim 14, wherein said battery includes a rechargeable battery.
18. The system for monitoring and alerting a power disruption in claim 16, further comprising a battery charging circuit in said receptacle monitor.
19. The system for monitoring and alerting a power disruption in claim 14, further comprising a power surge suppression circuit coupled with said electric circuit.
20. The system for monitoring and alerting a power disruption in claim 14, further comprising a plurality of receptacle monitors and at least one remote monitor receiving said wireless signal from said plurality of receptacle monitors and alerting a remote user upon reception of said wireless signal from one of said receptacle monitor.